APPENDIX F

REVISED 2006 303(d) LISTING DECISIONS

Regional Board 2 - San Francisco Bay Region



REVISIONS to the 2006 SAN FRANCISCO BAY REGION 303(d) LIST OF WATER QUALITY LIMITED SEGMENTS*

Category 5 criteria: 1) A water segment where standards are not met and a TMDL is required, but not yet completed, for at least one of the pollutants being listed for this segment.

- * USGS HUC = US Geological Survey Hydrologic Unit Code. Calwater = SWRCB hydrological subunit area or even smaller planning watershed
- ** TMDL requirement status definitions for listed pollutants are: A= TMDL still required, B= being addressed by USEPA approved TMDL, C= being addressed by action other than a TMDL
- *** Dates relate to the TMDL requirement status, so a date for A= TMDL scheduled completion date, B= Date USEPA approved TMDL, and C= Completion date for action other than a TMDL

REGION	N WATER BODY NAME	- WATER	VATERSHED* CALWATER / USGS HUC	•	POLLUTANT O POTENTIAL SOURCES Relevant Notes	ESTIMATED AREA ASSESSED	YEAR	TMDL REQUIREMENT STATUS**	DATE***
2	Alameda Creek	River & Stream	20430051 / 18050003	•	<u>Diazinon</u> ○ Urban Runoff/Storm Sewers	51 Miles	1998	5B	2007
				•	This listing was made by US moved by USEPA from the 3 completed USEPA approved	803(d) list to this	. ,		
2	Alamitos Creek	River & Stream	20540041 / 18050003	•	Mercury o Mine Tailings	7.1 Miles	1996	5A	2008
2	Anderson Reservoir	Lake & Reservoir	20530050 / 18050003	•	Mercury o Source Unknown	1013 Acres	2006	5A	2013
				•	PCBs (Polychlorinated biphenyls) Source Unknown	1013 Acres	2006	5A	2019
2	Aquatic Park Beach	Coastal & Bay Shoreline	20340010 / 18050002	•	Indicator Bacteria ○ Source Unknown	0.18 Miles	2006	5A	2019

REGION	WATER BODY NAME	WATER CAI	TERSHED* LWATER / SGS HUC	 POLLUTANT POTENTIAL SOURCES Relevant Notes ESTIMATED FIRST TMDL AREA YEAR REQUIREMENT DATE ASSESSED LISTED STATUS** This listing was made by USEPA for 2006.
2	Arroyo Mocho		430080 / 8050004	Diazinon Urban 34 Miles 1998 5B 200 Runoff/Storm Sewers For 2006, diazinon was moved by USEPA from the 303(d) list to this being addressed list because of a completed USEPA approved TMDL.
2	Bon Tempe Reservoir		113020 / 8050005	• Mercury o Source Unknown 120 Acres 2006 5A 201
2	Butano Creek		240031 / 8050006	• Sedimentation/Siltation • Nonpoint Source 3.6 Miles 1998 5A 20: • Impairment to steelhead habitat.
2	Calero Reservoir		540031 / 8050003	• Mercury o Mine Tailings o Surface Mining 334 Acres 1988 5A 200
2	Candlestick Point		440011 / 8050004	 Indicator Bacteria Source Unknown 1.6 Miles 2006 5A 2006 This listing was made by USEPA for 2006. This listing includes the area of Candlestick Point at Jackrabbit Beach, Windsurfer Circle, and Sunnydale Covered to the Coverence of Candlestick Point at Jackrabbit Beach, Windsurfer Circle, and Sunnydale Covered to the Candlestick Point at Jackrabbit Beach, Windsurfer Circle, and Sunnydale Covered to the Candlestick Point at Jackrabbit Beach, Windsurfer Circle, and Sunnydale Covered to the Candlestick Point at Jackrabbit Beach, Windsurfer Circle, and Sunnydale Covered to the Candlestick Point at Jackrabbit Beach, Windsurfer Circle, and Sunnydale Covered to the Candlestick Point at Jackrabbit Beach, Windsurfer Circle, and Sunnydale Covered to the Candlestick Point at Jackrabbit Beach, Windsurfer Circle, and Sunnydale Covered to the Candlestick Point at Jackrabbit Beach, Windsurfer Circle, and Sunnydale Covered to the Candlestick Point at Jackrabbit Beach, Windsurfer Circle, and Sunnydale Covered to the Candlestick Point Action Covered to the Candlestick Point Action Covered to the Candlestick Point Covered to
2	Carquinez Strait	H'efmort	710020 / 8050001	• Chlordane o Nonpoint Source 5657 Acres 2002 5A 201

REGION	WATER BODY NAME	WATER WATERSHED* CALWATER / USGS HUC	0	UTANT POTENTIAL SOURCES at Notes	ESTIMATED AREA ASSESSED	YEAR	TMDL REQUIREMENT STATUS**	Γ DATE***
				ting was made by US	SEPA.			
			• DDT	S ,				
			0	Nonpoint Source	5657 Acres	2002	5 A	2013
			• <u>Dieldri</u>	i <u>n</u>				
			0	Nonpoint Source	5657 Acres	1998	5 A	2013
				ting was made by US	SEPA.			
				compounds				
			(includ	Atmospheric Deposition	5657 Acres	1998	5A	2019
			1,2,3,6,	ecific compounds are 7,8-HxCDD, 1,2,3,7 was made by USEPA	,8,9-HxCDD, 1,2			
			• Exotic	Species				
			0	Ballast Water	5657 Acres	1998	5 A	2019
				t natural benthos; ch vility to native species		vailability	y in food chain; dis	srupt food
			• <u>Furan</u>	Compounds				
			0	Atmospheric Deposition	5657 Acres	1998	5A	2019
			1,2,3,4,	ecific compounds are 7,8-HxCDF, 1,2,3,6, 6,7,8-HpCDF, 1,2,3, 1.	7,8,-HxCDF, 1,	2,3,7,8,9-	HxCDF, 2,3,4,6,7	,8-HxCDF,
			• Mercu	<u>ry</u>				
			0	Atmospheric Deposition				
			0	Industrial Point				
				Sources	5657 Acres	1996	5B	2008
			0	Municipal Point Sources	JUDI TICIES	1//0	SD	2000

Natural SourcesNonpoint Source

REGION	WATER BODY NAME		WATERSHED* CALWATER / USGS HUC	•	0	UTANT POTENTIAL SOURCES nt Notes	ESTIMATED AREA ASSESSED	YEAR 1	TMDL REQUIREMENT STATUS**	Γ DATE***
				•	Curren Major s signific modera PCBs (biphen This lis place. PCBs (biphen The spe 3,3,4,4, PeCB (2,3,3,4,4,	Resource Extraction t data indicate fish conce is historic: go ant ongoing source ite to low level input to	old mining sedim is erosion and dr s from point sour 5657 Acres in-like PCBs. Into 5657 Acres apounds are 3,4,4,4,4,4-HxCB (16 B (118), 2,3,4,4,5,5,-HxCB (18), 4,4,5,5,-HxCB (18)	ents and leainage from the alianage from the ali	5A 5A th advisory for fish 5A (1,4-PeCB (105), 2, 23), 2,3,3,4,4,5-H, 23,4,4,5,5-HpCB (105)	2008 h is in 2008 77), 3,4,4,5- xCB (156),
				•	Affected in nesti program may ha	Sources d use is one branch of the diving birds, sign in place) and agrifuse made food chain ption advisory in eff	nificant contribut culture (carried o more susceptible	ions from downstrea to accum	oil refineries (con m by rivers); exot ulation of seleniur	trol ic species
2 F	Central Basin, San Francisco (part of SF Bay, Lower)	Bay & Harbor	20440010 / 18050004	•	Chlord O This lis	ane Nonpoint Source ting was made by U.	40 Acres SEPA.	1998	5A	2013

REGION	WATER BODY NAME	WATER WATERSHED* TYPE CALWATER / USGS HUC	•		UTANT POTENTIAL SOURCES nt Notes	ESTIMATEI AREA ASSESSED	YEAR	TMDL REQUIREMEN' STATUS**	Γ DATE***
			•		Nonpoint Source ting was made by US	40 Acres EPA.	1998	5A	2013
			•		Nonpoint Source ting was made by US	40 Acres	1998	5A	2013
			•	(includ	compounds ling 2,3,7,8-TCDD) Atmospheric Deposition	40 Acres	1998	5A	2019
			•	1,2,3,6,	ecific compounds are 7,8-HxCDD, 1,2,3,7, was made by USEPA.	8,9-HxCDD, 1,			
			•	Exotic O	<u>Species</u> Ballast Water	40 Acres	2006	5A	2019
			•	Disrup	t natural benthos; che wility to native species	ange pollutant d			
			•		Compounds Atmospheric Deposition	40 Acres	1998	5A	2019
			•	1,2,3,4,	ecific compounds are 7,8-HxCDF, 1,2,3,6, 6,7,8-HpCDF, 1,2,3,	7,8-HxCDF, 1,2	2, <i>3</i> , <i>7</i> , <i>8</i> , <i>9</i> - <i>H</i>	HxCDF, 2,3,4,6,7,	8-HxCDF,
			•	Mercu	<u>ry</u>				
				0 0	Atmospheric Deposition Industrial Point Sources Minor Industrial Point Source Municipal Point	40 Acres	1992	5B	2008

Sources

REGION	WATER BODY NAME	WATER WATERSHED* TYPE CALWATER / USGS HUC	•	0	UTANT POTENTIAL SOURCES nt Notes	ESTIMATEI AREA ASSESSED	YEAR R	TMDL EQUIREMEN STATUS**	T DATE***
				0 0 0	Natural Sources Nonpoint Source Resource Extraction				
			•	health o bass an mining,	t data indicate fish co consumption advisor ed shark. Major sour most significant on moderate to low leve	y in effect for m ce is historic: go going source is o	ultiple fish s old mining s erosion and	species including ediments and lo drainage from a	g striped ocal mercury
			•	Mercu:	ry (sediment) Point Source Urban Runoff/Storm Sewers	40 Acres	2006	5B	2008
			•		(Polycyclic Aromaticarbons) (sediment) Point Source Urban Runoff/Storm Sewers		2006	5A	2019
			•	PCBs (biphen	Polychlorinated	40 Acres	1998	5A	2008
			•		ting covers non diox Polychlorinated	in-like PCBs. In	terim health	n advisory for fis	sh in place.

biphenyls) (dioxin-like)

o Unknown

Nonpoint Source

The specific dioxin like compounds are 3,4,4,5-TCB (81), 3,3,3,3-TCB (77), 3,3,4,4,5-PeCB (126), 3,3,4,4,4-HxCB (169), 2,3,3,4,4-PeCB (105), 2,3,4,4,5-PeCB (114), 2,3,4,4,5-PeCB (118), 2,3,4,4,5-PeCB (123), 2,3,3,4,4,5-HxCB (156), 2,3,3,4,4,5-HxCB (157), 2,3,4,4,5,5-HxCB (167), 2,3,3,4,4,5-HyCB (189). This listing was made by USEPA.

40 Acres

1998

5A

2008

REGION	WATER BODY NAME	WATER TYPE	WATERSHED* CALWATER / USGS HUC	•	POLLUTANT O POTENTIAL SOURCES Relevant Notes STATUS**	DATE***
				•	Selenium Exotic Species Industrial Point	rol c species
2	China Camp Beach	Coastal & Bay Shoreline	20610010 / 18050002	•	Indicator Bacteria Source Unknown 0.08 Miles 2006 5A This listing was made by USEPA for 2006.	2019
Z	Coyote Creek (Santa Clara Co.)	River & Stream	20530021 / 18050003	•	Diazinon O Urban Runoff/Storm 55 Miles 1998 5B Sewers This listing was made by USEPA for the 1998 303(d) list. For 2006, diaz moved by USEPA from the 303(d) list to this being addressed list because completed USEPA approved TMDL.	
2	Crissy Field Beach	Coastal & Bay Shoreline	20340010 / 18050002	•	Indicator Bacteria Source Unknown 0.8 Miles 2006 5A This listing was made by USEPA for 2006. This listing includes the east of areas of Crissy Field.	2019 and west
2	Del Valle Reservoir	Lake &	20430024 /	•	Mercury O Source Unknown 1022 Acres 2006 5A	2013

REGION	N WATER BODY NAME		VATERSHED* CALWATER / USGS HUC 18050004	•	POLLUTANT O POTENTIAL SOURCES Relevant Notes PCBs (Polychlorinated biphenyls) O Source Unknown	ESTIMATED AREA ASSESSED 1022 Acres	YEAR	TMDL REQUIREMENT STATUS**	DATE*** 2019
2	Golden Hinde Beach	Coastal & Bay Shoreline	20114033 / 18050005		Indicator Bacteria Source Unknown This listing was made by USE	0.11 Miles <i>EPA for 2006.</i>	2006	5A	2019
2	Guadalupe Creek	River & Stream	20540050 / 18050003	•	Mercury O Mine Tailings	8.1 Miles	1988	5A	2008
2	Guadalupe Reservoir	Lake & Reservoir	20540040 / 18050003	•	Mercury o Mine Tailings o Surface Mining	63 Acres	1988	5A	2008
2	Guadalupe River	River & Stream	20540050 / 18050003	•	Diazinon O Urban Runoff/Storm Sewers This listing was made by USE moved by USEPA from the 30 completed USEPA approved 2	3(d) list to this			
				•	Mercury o Mine Tailings	18 Miles	1988	5A	2008
2	Islais Creek	Estuary	20440010 / 18050004	• ,	Ammonia	46 Acres	2002	5A	2019

REGION	WATER BODY NAME	WATER TYPE	WATERSHED* CALWATER / USGS HUC	•			ESTIMATED AREA ASSESSED	YEAR F	TMDL REQUIREMENT STATUS**	DATE***
						Sources				
				•	Chlord	ane (sediment)				
					0	Combined Sewer				
						Overflow	46 Acres	2002	5A	2019
					0	Industrial Point Sources				
				•	Dieldri	n (sediment)				
					0	Combined Sewer				
						Overflow	46 Acres	2002	5A	2019
					0	Industrial Point	40 Acres	2002	JA	2017
						Sources				
				•		gen Sulfide				
					0	Combined Sewer Overflow				
					0	Industrial Point	46 Acres	2002	5A	2019
					O	Sources				
				•	PAHs (Polycyclic Aromatic	c			
						carbons) (sediment)				
					0	Combined Sewer		••••		•010
						Overflow	46 Acres	2002	5A	2019
					0	Industrial Point Sources				
				•	Sodimo	ent Toxicity				
				•	Seame	Source Unknown	46 Acres	2006	5A	2019
					0	Source Chanown	10 110105	2000		
					3.6					
2 I	Lafayette Reservoir	Lake &	20732010 /	•	Mercu	<u>ry</u> Source Unknown	114 Acres	2006	5A	2013
<i>4</i> 1.	Zalayette Nesel voll	Reservoir	18050001		0		114 Acres	2000	JA	2013
				•		Polychlorinated				
					<u>biphen</u>		114 Acres	2006	5A	2019
					0	Source Unknown				

Nutrients River & 20113020 /

REGION	N WATER BODY NAME	AAA A HEELD	WATERSHED* CALWATER / USGS HUC	•	POLLU o Relevan	POTENTIAL SOURCES	ESTIMATED AREA ASSESSED	YEAR F	TMDL REQUIREMENT STATUS**	DATE***
2	Lagunitas Creek	Stream	18050005		0	Urban Runoff/Storm Sewers	17 Miles	1996	5A	2013
				•		ry to Tomales Bay. ment effort. Additio			1 0	watershed
				•	Pathogo					
					0	Urban Runoff/Storm Sewers	17 Miles	1992	5B	2007
				•	Sedime	ntation/Siltation				
					0	Urban Runoff/Storm Sewers	17 Miles	1996	5A	2013
				•		ry to Tomales Bay. ment effort. Additio			1 0	watershed
2	Lake Chahat (Alamada Ca)	Lake &	20420030 /	•	Chlorda		212 A amag	2006	5.4	2010
2	Lake Chabot (Alameda Co)	Reservoir	18050004		0	Source Unknown	312 Acres	2006	5A	2019
				•	DDT o	Source Unknown	312 Acres	2006	5A	2019
				•	Dieldri					
					0	Source Unknown	312 Acres	2006	5A	2019
				•	Mercur O	<u>y</u> Source Unknown	312 Acres	2006	5A	2013
				•	_	Polychlorinated	1 012 110100	_000		_010
					bipheny o	<u>vls)</u> Source Unknown	312 Acres	2006	5A	2019
		Lake &	20721030 /	•	Mercur	-				
2	.ake Herman	Reservoir	20/21030 /	0	Surface Mining	108 Acres	1992	5A	2013	
				•	Addition	nal monitoring and	assessment neede	ed. Problei	n due to historical	l mining.

REGION	WATER BODY NAME		WATERSHED* CALWATER / USGS HUC	•	POLLUTANT O POTENTIAL SOURCES Relevant Notes	ESTIMATED AREA ASSESSED	YEAR R	TMDL REQUIREMENT STATUS**	DATE***
2	Lake Merced	Lake & Reservoir	20210010 / 18050006	•	Low Dissolved Oxygen o Source Unknown This listing was made by US pH o Source Unknown This listing was made by US	299 Acres	2002 2002	5A 5A	2019
2	Lake Merritt	Lake & Reservoir	20420040 / 18050004	•	Organic Enrichment/Low Dissolved Oxygen Source Unknown This listing was made by US Trash Urban Runoff/Storm Sewers	142 Acres SEPA. 142 Acres	2002 1998	5A 5A	2019
2	Lawsons Landing	Coastal & Bay Shoreline	20112030 / 18050005	•	Indicator Bacteria Source Unknown This listing was made by US	3.2 Miles SEPA for 2006.	2006	5A	2019
	Marina Lagoon (San Mateo County)	Estuary	20440040 / 18050004	•	Coliform Bacteria Nonpoint Source Urban Runoff/Storm Sewers	169 Acres	2002	5A	2019
2	Matadero Creek	River & Stream	20550040 / 18050003	•	<u>Diazinon</u> ○ Urban Runoff/Storm	7.3 Miles	1998	5B	2007

REGION	N WATER BODY NAME		WATERSHED* CALWATER / USGS HUC	•	POLLUTANT O POTENTIAL SOURCES Relevant Notes Sewers This listing was made by US moved by USEPA from the 3 completed USEPA approved	303(d) list to this	YEAR LISTED	list. For 2006, dia	zinon was
2	McNears Beach	Coastal & Bay Shoreline	20610010 / 18050002	•	Indicator Bacteria Source Unknown This listing was made by US	0.18 Miles SEPA for 2006.	2006	5A	2019
2	Millerton Point	Coastal & Bay Shoreline	20112032 / 18050005	•	Indicator Bacteria Source Unknown This listing was made by US	0.25 Miles SEPA for 2006.	2006	5A	2019
2	Mission Creek	Estuary	20440010 / 18050004	•	Ammonia	8.5 Acres	2002	5A 5A	2019
				•	Sources Dieldrin (sediment) Combined Sewer Overflow Industrial Point Sources Hydrogen Sulfide Combined Sewer	8.5 Acres	2002	5A 5A	2013 2019

REGION	WATER BODY NAME	WATER WATERSHED*	٠		<u>UTANT</u> POTENTIAL	ESTIMATED AREA		TMDL REQUIREMENT	Г D А Т Г ***
REGION	WATER BODT NAME	TYPE USGS HUC		D .1	SOURCES	ASSESSED			
			•		Overflow Industrial Point Sources sediment)				
					Combined Sewer Overflow Industrial Point Sources	8.5 Acres	2002	5A	2019
			•	0	ry (sediment) Combined Sewer Overflow Industrial Point Sources	8.5 Acres	2006	5A	2019
			•	Hydrod	(Polycyclic Aromatic carbons) Combined Sewer Overflow Industrial Point Sources	8.5 Acres	2002	5A	2019
			•	biphen	Polychlorinated yls) (sediment) Combined Sewer Overflow Industrial Point Sources	8.5 Acres	2002	5A	2008
			•	0	(sediment) Combined Sewer Overflow Industrial Point Sources	8.5 Acres	2002	5A	2019
			•	0	ediment) Combined Sewer Overflow Industrial Point	8.5 Acres	2002	5A	2019

REGION	N WATER BODY NAME		WATERSHED* CALWATER / USGS HUC		POLLU o Relevan	POTENTIAL SOURCES	ESTIMATED AREA ASSESSED	YEAR 1	TMDL REQUIREMENT STATUS**	DATE***
2	Mt. Diablo Creek	River & Stream	20731040 / 18050001	•	moved b	n Urban Runoff/Storm Sewers ing was made by US by USEPA from the 3 ed USEPA approved	03(d) list to this			
2	Napa River	River & Stream	20650010 / 18050002	•	Nutrier o Pathogo	Agriculture ens Urban	65 Miles	1988	5A	2010
				•		Runoff/Storm Sewers will be developed as pall monitoring and a.			5B l management effo	2008 rt.
				•		ntation/Siltation Construction/Land Development Land Development Urban Runoff/Storm Sewers	1	1990	5A	2008
				•		vill be developed as p nal monitoring and a.			l management effo	rt.
2	Nicasio Reservoir	Lake & Reservoir	20113012 / 18050005	•	Mercur o	<u>y</u> Source Unknown	829 Acres	1998	5A	2013

REGION	N WATER BODY NAME	WATER TYPE	WATERSHED* CALWATER / USGS HUC	•	POLLU o Relevan	POTENTIAL SOURCES	ESTIMATED AREA ASSESSED	YEAR	TMDL REQUIREMENT STATUS**	DATE***
2	Oakland Inner Harbor (Fruitvale Site, part of SF Bay, Lower)	Bay & Harbor	20420040 / 18050004		0	Nonpoint Source	0.93 Acres	1998	5A	2013
				•	This list	ting was made by US	SEPA.			
				•	Chlord	ane (sediment)	0.02.4	4000	- .	2012
					0	Source Unknown	0.93 Acres	1998	5A	2013
				•	<u>DDT</u>	N	0.02 4	1000	5.4	2012
					0	Nonpoint Source	0.93 Acres	1998	5 A	2013
				•	 This listing was made by USEPA. Dieldrin					
				•		_	0.93 Acres	1998	5A	2013
						Nonpoint Source		1990	5A	2013
				•		ting was made by US	SEPA.			
				•		compounds ing 2,3,7,8-TCDD)				
						Atmospheric Deposition	0.93 Acres	1998	5A	2019
				•	1,2,3,6,	cific compounds are 7,8-HxCDD, 1,2,3,7, vas made by USEPA	8,9-HxCDD, 1,			
				•	Exotic	Species .				
					0	Ballast Water	0.93 Acres	2006	5A	2019
				•	Disrupt	natural benthos; che	ange pollutant a	vailability	v in food chain; dis	rupt food
						ility to native species	·.			
				•		<u>Compounds</u>				
					0	Atmospheric Deposition	0.93 Acres	1998	5A	2019
				•	1,2,3,4,	cific compounds are 7,8-HxCDF, 1,2,3,6, 6,7,8-HpCDF, 1,2,3,	7,8-HxCDF, 1,2	2,3,7,8,9- <i>H</i>	<i>AxCDF</i> , 2,3,4,6,7,8	<i>B-HxCDF</i> ,
				•	Mercur	<u> Y</u>				
					0	Atmospheric Deposition	0.93 Acres	1992	5B	2008

REGION	WATER BODY NAME	WATER WATERSHED* CALWATER / USGS HUC	•		OTENTIAL OURCES	ESTIMATED AREA ASSESSED	YEAR RE	TMDL CQUIREMENT STATUS**	Γ DATE***
			•	o In So So No No Current dan health cons bass and sh	dustrial Point aurces unicipal Point aurces atural Sources onpoint Source esource etraction ta indicate fish coumption advisory ark. Major source	y in effect for mi ce is historic: go	ıltiple fish sp ld mining se	pecies including diments and loc	striped cal mercury
			•	mines; mod PCBs (Poly biphenyls) • Un	st significant ong lerate to low leve ychlorinated nknown onpoint Source			lrainage from a	2008
			•	This listing uncertainty PCBs (Polybiphenyls) O Ut	covers non dioxi regarding water ychlorinated (dioxin-like) nknown onpoint Source			advisory for fish	h; 2008
			•	The specific 3,3,4,4,5-Pc PeCB (114) 2,3,3,4,4,5-	c dioxin like comp eCB (126), 3,3,4,), 2,3,4,4,5-PeCB HxCB (157), 2,3, made by USEPA.	4,4,4-HxCB (16 3 (118), 2,3,4,4,5 ,4,4,5,5,-HxCB ((9), 2,3,3,4,4 5-PeCB (123	-PeCB (105), 2,), 2,3,3,4,4,5-H	,3,4,4,5- xCB (156),

• POLLUTANT

• This listing covers non dioxin-like PCBs. Interim health advisory for fish; uncertainty regarding water column concentration data.

0.93 Acres

1998

5A

• Sediment Toxicity

• <u>PCBs (Polychlorinated biphenyls) (sediment)</u>

o Source Unknown

2008

REGION	WATER BODY NAME	WATER WATERSHED* TYPE CALWATER / USGS HUC	•	POLLUTANT O POTENTIAL SOURCES Relevant Notes	ESTIMATED AREA ASSESSED	YEAR	REQUIREMENT	DATE***
				o Source Unknown	0.93 Acres	1998	5A	2019
			•	 Selenium Exotic Species Industrial Point Sources Natural Sources 	0.93 Acres	1990	5A	2019
			•	Affected use is one branch of in nesting diving birds, sign program in place) and agric may have made food chain reconsumption advisory in effects	ificant contribut culture (carried nore susceptible	tions fron downstre to accur	n oil refineries (cont cam by rivers); exott nulation of seleniun	trol ic species
2	Oakland Inner Harbor (Pacific Dry-dock Yard 1 Site, part of SF Bay, Lower)	Bay & 20420040 / Harbor 18050004	•	Chlordane ○ Nonpoint Source	1.8 Acres	1998	5A	2013
			•	This listing was made by US	SEPA.			
			•	<u>Chlordane (sediment)</u> ○ Source Unknown	1.8 Acres	1998	5A	2013
			•	Copper (sediment) o Source Unknown	1.8 Acres	1992	5A	2019
			•	DDT ○ Nonpoint Source This listing was made by US	1.8 Acres	1998	5A	2013
			•	Dieldrin O Nonpoint Source This listing was made by US	1.8 Acres	1998	5A	2013
			•	Dieldrin (sediment) ○ Source Unknown	1.8 Acres	1998	5A	2013
			•	Dioxin compounds (including 2,3,7,8-TCDD) Atmospheric Deposition	1.8 Acres	1998	5A	2019

REGION	WATER BODY NAME	WATER WATERSHED* TYPE CALWATER / USGS HUC	•	POLL o	<u>UTANT</u> POTENTIAL SOURCES	ESTIMATED AREA ASSESSED	YEAR R	TMDL EQUIREMENT STATUS**	Γ DATE ***
			•	Releva	nt Notes	ADDEDDED			
			•	1,2,3,6,	ecific compounds are 7,8-HxCDD, 1,2,3,7, was made by USEPA	8,9-HxCDD, 1,2			
			•	Exotic	Species				
				0	Ballast Water	1.8 Acres	2006	5A	2019
			•		t natural benthos; cho vility to native species	0 1	vailability	in food chain; dis	srupt food
			•	Furan	Compounds				
				0	Atmospheric Deposition	1.8 Acres	1998	5A	2019
			•	1,2,3,4,	ecific compounds are 7,8-HxCDF, 1,2,3,6, 6,7,8-HpCDF, 1,2,3, 1.	7,8-HxCDF, 1,2	2,3,7,8,9-Hx	CDF, 2,3,4,6,7,8	3-HxCDF,
			•	Lead (sediment)				
				0	Source Unknown	1.8 Acres	1992	5A	2019
			•	Mercu	<u>ry</u>				
				0	Atmospheric Deposition				
				0	Industrial Point Sources				
				0	Municipal Point Sources	1.8 Acres	1992	5B	2008

- Current data indicate fish consumption and wildlife consumption impacted uses: health consumption advisory in effect for multiple fish species including striped bass and shark. Major source is historic: gold mining sediments and local mercury mining; most significant ongoing source is erosion and drainage from abandoned mines; moderate to low level inputs from point sources.
- Mercury (sediment)

Natural Sources Nonpoint Source

Resource **Extraction**

5B 1.8 Acres 2006 2008 o Source Unknown

REGION	WATER BODY NAME	WATER WATERSHED* TYPE CALWATER / USGS HUC	•	0	UTANT POTENTIAL SOURCES nt Notes	ESTIMATED AREA ASSESSED	YEAR	TMDL REQUIREMENT STATUS**	DATE***
			•	Hydro o	(Polycyclic Aromatic carbons) (sediment) Source Unknown (Polychlorinated lyls)	1.8 Acres	2006	5A	2019
				0	Unknown Nonpoint Source	1.8 Acres	1998	5A	2008
			•		sting covers non dioxination dioxination in the state of				;
			•	bipher	(Polychlorinated lyls) (dioxin-like) Unknown Nonpoint Source	1.8 Acres	1998	5A	2008
			•	3,3,4,4 PeCB (2,3,3,4	ecific dioxin like comp ,5-PeCB (126), 3,3,4,4 (114), 2,3,4,4,5-PeCB ,4,5-HxCB (157), 2,3,was made by USEPA.	4,4,4-HxCB (16 (118), 2,3,4,4,5	9), 2,3,3, 5-PeCB (4,4-PeCB (105), 2,3 123), 2,3,3,4,4,5-Hx	3,4,4,5- CB (156),
			•		(Polychlorinated tyls) (sediment) Source Unknown	1.8 Acres	1998	5A	2008
			•	Selenii 0	um Exotic Species				
				0	Industrial Point Sources	1.8 Acres	1990	5A	2019
			•	in nest progra may ha	Natural Sources d use is one branch of ing diving birds, signi, m in place) and agricu ve made food chain m ption advisory in effe	ficant contribut ulture (carried d aore susceptible	ions from downstred to accun	oil refineries (cont am by rivers); exoti nulation of selenium	rol c species
			•	Zinc (s	sediment) Source Unknown	1.8 Acres	1992	5A	2019

REGIO	N WATER BODY NAME		WATERSHED* CALWATER / USGS HUC	•	POLLUTANT O POTENTIAL SOURCES Relevant Notes	ESTIMATED AREA ASSESSED	YEAR	TMDL REQUIREMENT STATUS**	DATE***
2	Pacific Ocean at Baker Beach	Coastal & Bay Shoreline	20340010 / 18050002	•	Indicator Bacteria o Source Unknown	0.45 Miles	2006	5A	2019
				•	This listing was made by US Beach at Lobos Creek, Hors	v		g includes the area	of Baker
2	Pacific Ocean at Bolinas Beach	Coastal & Bay Shoreline	20130011 / 18050005	•	Indicator Bacteria ○ Source Unknown	0.39 Miles	2006	5A	2019
				•	This listing was made by US	SEPA for 2006.			
2	Pacific Ocean at Fitzgerald Marine Reserve	Coastal & Bay Shoreline	20221012 / 18050006	•	Coliform Bacteria o Nonpoint Source	0.46 Miles	2002	5A	2019
2	Pacific Ocean at Muir Beac	Coastal h & Bay Shoreline	20130013 / 18050005	•	Indicator Bacteria o Source Unknown	0.2 Miles	2006	5A	2013
				•	This listing was made by US	SEPA for 2006.			
2	Pacific Ocean at Pacifica State/Linda Mar Beach	Coastal & Bay Shoreline	20221011 / 18050006	•	Coliform Bacteria	0.87 Miles	2002	5A	2010
				•	Linda Mar and San Pedro b	eaches are the a	ıreas affe	cted.	
2	Pacific Ocean at Pillar Poin	t Coastal & Bay	20221012 / 18050006	•	Mercury o Source Unknown	0.62 Miles	2006	5A	2019

REGION	WATER BODY NAME		VATERSHED* CALWATER / USGS HUC	•	POLLU o Relevan	POTENTIAL SOURCES	ESTIMATED AREA ASSESSED	YEAR 1	TMDL REQUIREMENT STATUS**	DATE**
• • • • • • • • • • • • • • • • • • • •	Pacific Ocean at Pillar Point Beach	Coastal & Bay Shoreline	20221012 / 18050006	•	Coliforn	<u>n Bacteria</u> Nonpoint Source	1.1 Miles	2002	5A	2019
/.	Pacific Ocean at Rockaway Beach	Coastal & Bay Shoreline	20221011 / 18050006	•	Coliforn	n Bacteria Nonpoint Source Urban Runoff/Storm Sewers	0.29 Miles	2002	5A	2010
• • •	Pacific Ocean at Venice Beach	Coastal & Bay Shoreline	20222011 / 18050006	•	Coliforn	<u>n Bacteria</u> Nonpoint Source	0.38 Miles	2002	5A	2019
2	Permanente Creek	River & Stream	20550021 / 18050003	•		n Urban Runoff/Storm Sewers ing was made by US y USEPA from the 3				
2	Pescadero Creek	River & Stream	20240013 / 18050006	•	Sedimer o If Califor Service	ntation/Siltation Nonpoint Source rnia Department of find that for this was oard supports remo	26 Miles Fish and Game ter body fish pop	ulations d	are not impacted, t	he State

REGIO	N WATER BODY NAME		WATERSHED* CALWATER / USGS HUC	•		POTENTIAL SOURCES	ESTIMATED AREA ASSESSED	YEAR	TMDL REQUIREMENT STATUS**	DATE***
2	Petaluma River	River & Stream	20630020 / 18050002			Urban Runoff/Storm Sewers	22 Miles	2002	5A	2019
				•	Data sou	rce: Abelli-Amen, I	Petaluma Tree P	Planters,	1999.	
				•	Nutrient	<u>ts</u>				
						Construction/Lan Development				
						Urban Runoff/Storm Sewers	22 Miles	1998	5A	2019
						ill be developed as al monitoring and a			ed management effo	rt.
				•	Pathoge	<u>ns</u>				
						Construction/Lan Development	d			
						Urban Runoff/Storm Sewers	22 Miles	1998	5A	2019
				•	Sedimen	tation/Siltation				
						Construction/Lan	d			
						Development	22 Miles	1998	5A	2019
						Urban Runoff/Storm	22 Willes	1998	5A	2019
						Sewers				
				•	Diazino	_				
2	Petaluma River (tidal portion)	River & Stream	20630040 / 18050002			Urban Runoff/Storm	1.1 Miles	2002	5A	2019
	F/	~ · · · · · · · · · · · · · · · · · · ·	2002002			Sewers				
				•	<u>Nickel</u>					
						Atmospheric Deposition				
						Municipal Point Sources	1.1 Miles	2002	5A	2019

REGION	WATER BODY NAME	WATER CAL	ERSHED* WATER / GS HUC	o Relevar		ESTIMATED AREA ASSESSED	YEAR R	TMDL EQUIREMENT STATUS**	DATE***
				0	Urban Runoff/Storm Sewers				
			•	total cr	ance of California To iteria; elevated water				xic Rule
			•	Nutries o	nts Construction/Land Development Urban Runoff/Storm Sewers	l 1.1 Miles	2002	5A	2019
			•		will be developed as p nal monitoring and a			management effo	rt.
			•	Pathog o	ens Construction/Land Development Urban Runoff/Storm Sewers	l 1.1 Miles	2002	5 A	2019
			•		will be developed as p nal monitoring and a			management effo	rt.
2 P	Pomponio Creek		•40020 / •050006	Colifor	m Bacteria Nonpoint Source	7.1 Miles	2002	5A	2019
2 R	Richardson Bay	v	• 12010 / • 050002		Nonpoint Source	2439 Acres	1998	5A	2013
			•		ting was made by US. m Bacteria Boat Discharges/Vessel Wastes		1996	5A	2008

REGION	WATER BODY NAME	WATER WATERSHED* TYPE CALWATER / USGS HUC	•		UTANT POTENTIAL SOURCES nt Notes	ESTIMATED AREA ASSESSED	YEAR	TMDL REQUIREMENT STATUS**	DATE***
				0	Septage Disposal Urban Runoff/Storm Sewers				
			•	DDT This lis Dieldri	Nonpoint Source ting was made by US	2439 Acres	1998	5A	2013
			•	O	<u>in</u> Unknown Nonpoint Source	2439 Acres	1998	5A	2013
			•	<u>Dioxin</u> (includ	ting was made by US compounds ling 2,3,7,8-TCDD) Atmospheric Deposition	EEPA. 2439 Acres	1998	5A	2019
			•	1,2,3,6,	ecific compounds are 7,8-HxCDD, 1,2,3,7, was made by USEPA	8,9-HxCDD, 1,2			
			•	Exotic o	Species Ballast Water	2439 Acres	2006	5A	2019
			•		t natural benthos; cho vility to native species		vailabilit	y in food chain; dis	rupt food
			•		Compounds Atmospheric Deposition	2439 Acres	1998	5A	2019
			•	1,2,3,4,	ecific compounds are 7,8-HxCDF, 1,2,3,6, 6,7,8-HpCDF, 1,2,3,	7,8,-HxCDF, 1,	2,3,7,8,9	-HxCDF, 2,3,4,6,7,	8-HxCDF,
			•	Mercu		2439 Acres	1992	5B	2008

REGION	WATER BODY NAME	WATER WATERSHED* TYPE CALWATER / USGS HUC	•	0	UTANT POTENTIAL SOURCES nt Notes	ESTIMATED AREA ASSESSED	YEAR I	TMDL REQUIREMENT STATUS**	DATE***
			•	health bass ar mining	Sources Natural Sources Nonpoint Source Resource Extraction at data indicate fish consumption advisor advisor and shark. Major source; most significant on a moderate to low leve	y in effect for mi ce is historic: go going source is e	ıltiple fish ld mining rosion and	species including sediments and loc d drainage from a	striped al mercury
			•	PCBs bipher		2439 Acres	1998	5A	2008
			•	PCBs	sting covers non diox (Polychlorinated nyls) (dioxin-like) Unknown Nonpoint Source	in-like PCBs. Ini 2439 Acres	erim heali 1998	th advisory for fish 5A	2008
			•	3,3,4,4 PeCB (2,3,3,4	ecific dioxin like com !,5-PeCB (126), 3,3,4 (114), 2,3,4,4,5-PeCI !,4,5-HxCB (157), 2,3 was made by USEPA	,4,4,4-HxCB (16 B (118), 2,3,4,4,5 E,4,4,5,5,-HxCB (9), 2,3,3,4 5-PeCB (12	1,4-PeCB (105), 2,. 23), 2,3,3,4,4,5-Hx	3,4,4,5- cCB (156),
/.	Sacramento San Joaquin Delta	Estuary 20710010 / 18050001	•	Chlore	Nonpoint Source	41736 Acres	1998	5A	2013
			•	DDT o This list	Nonpoint Source sting was made by US very sting was made by US	41736 Acres	1998	5A	2013
			•	Dieldr	n				

WATER WATERSHED* TYPE CALWATER / USGS HUC

- <u>POLLUTANT</u>
 - o POTENTIAL SOURCES

ESTIMATED FIRST TMDL

AREA YEAR REQUIREMENT DATE***
ASSESSED LISTED STATUS**

- Relevant Notes
- This listing was made by USEPA.
- <u>Dioxin compounds</u> (including 2,3,7,8-TCDD)
 - o Atmospheric 41736 Acres 1998 5A 2019 Deposition
- The specific compounds are 2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3,4,7,8-HxCDD, 1,2,3,6,7,8-HxCDD, 1,2,3,7,8,9-HxCDD, 1,2,3,4,6,7,8-HpCDD, and OCDD. This listing was made by USEPA.
- Exotic Species
 - o Ballast Water 41736 Acres 1998 5A 2019
- Disrupt natural benthos; change pollutant availability in food chain; disrupt food availability to native species.
- Furan Compounds
 - O Atmospheric 41736 Acres 1998 5A 2019 Deposition
- The specific compounds are 2,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4,7,8-PeCDF, 1,2,3,4,7,8-HxCDF, 1,2,3,6, 7,8,-HxCDF, 1,2,3,7,8,9-HxCDF, 2,3,4,6,7,8-HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,2,3,4,7,8,9-HpCDF, and OCDF. This listing was made by USEPA.
- Mercury
 - O Atmospheric Deposition
 - Industrial Point Sources
 - o Municipal Point 41736 Acres 1998 5B 2008 Sources
 - Nonpoint Source
 - Resource Extraction
- Current data indicate fish consumption and wildlife consumption impacted uses.
 Major source is historic: gold mining sediments and local mercury mining; most
 significant ongoing source is erosion and drainage from abandoned mines;
 moderate to low level inputs from point sources.
- PCBs (Polychlorinated

REGION	WATER BODY NAME	WATER WATERSHED CALWATER USGS HUC	*	POLLUTANT O POTENTIAL SOURCES Relevant Notes	ESTIMATED AREA ASSESSED	YEAR	TMDL REQUIREMENT STATUS**	Γ DATE***
				<u>biphenyls)</u> o Unknown Nonpoint Source	41736 Acres	1998	5A	2008
			•	This listing covers non dioxing PCBs (Polychlorinated biphenyls) (dioxin-like)	in-like PCBs.Inte	erim heal	th advisory for fish	! .
				UnknownNonpoint Source	41736 Acres	1998	5 A	2008
			•	The specific dioxin like com 3,3,4,4,5-PeCB (126), 3,3,4, PeCB (114), 2,3,4,4,5-PeCE 2,3,3,4,4,5-HxCB (157), 2,3 listing was made by USEPA	,4,4,4-HxCB (16 3 (118), 2,3,4,4,5 ,4,4,5,5,-HxCB (9), 2,3,3, 5-PeCB (4,4-PeCB (105), 2, 123), 2,3,3,4,4,5-H	3,4,4,5- xCB (156),
			•	Selenium • Exotic Species • Industrial Point				
				Sources	41736 Acres	1998	5A	2010
			•	• Natural Sources Affected use is one branch of in nesting diving birds, sign program in place) and agric may have made food chain to consumption advisory in effects.	ificant contribut culture (carried c nore susceptible	ions from downstred to accun	oil refineries (con am by rivers); exot nulation of seleniur	trol ic species
2 S	an Francisco Bay, Central	Bay & 20312010 / Harbor 18050004	•	Chlordane o Nonpoint Source	70992 Acres	1998	5A	2013
			•	This listing was made by US DDT Nonpoint Source This listing was made by US Dieldrin Nonpoint Source	70992 Acres	1998 1998	5A 5A	2013 2013

REGION	WATER BODY NAME	WATER TYPE	WATERSHED* CALWATER / USGS HUC
			USGS HUC

- POLLUTANT
 - o POTENTIAL SOURCES

ESTIMATED FIRST TMDL

AREA YEAR REQUIREMENT DATE***
ASSESSED LISTED STATUS**

- Relevant Notes
- This listing was made by USEPA.
- <u>Dioxin compounds</u> (including 2,3,7,8-TCDD)
 - o Atmospheric 70992 Acres 1998 5A 2019 Deposition
- The specific compounds are 2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3,4,7,8-HxCDD, 1,2,3,6,7,8-HxCDD, 1,2,3,7,8,9-HxCDD, 1,2,3,4,6,7,8-HpCDD, and OCDD. This listing was made by USEPA.
- Exotic Species
 - o Ballast Water 70992 Acres 2006 5A 2019
- Disrupt natural benthos; change pollutant availability in food chain; disrupt food availability to native species.
- Furan Compounds
 - O Atmospheric 70992 Acres 1998 5A 2019 Deposition
- The specific compounds are 2,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4,7,8-PeCDF, 1,2,3,4,7,8-HxCDF, 1,2,3,6,7,8-HxCDF, 1,2,3,7,8,9-HxCDF, 2,3,4,6,7,8-HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,2,3,4,7,8,9-HpCDF, and OCDF. This listing was made by USEPA.
- Mercury
 - O Atmospheric Deposition
 - Industrial Point Sources
 - O Municipal Point 70992 Acres 1992 5B 2008
 - Natural Sources
 - O Nonpoint Source
 - o Resource Extraction
- Current data indicate fish consumption and wildlife consumption impacted uses:
 health consumption advisory in effect for multiple fish species including striped
 bass and shark. Major source is historic: gold mining sediments and local mercury
 mining; most significant ongoing source is erosion and drainage from abandoned

REGION	WATER BODY NAME	WATER WATERSHED* TYPE CALWATER / USGS HUC	• POLLUTANT • POTENTIAL SOURCES • Relevant Notes ESTIMATED FIRST TMDL AREA YEAR REQUIREMEN ASSESSED LISTED STATUS**	T DATE***
			 mines; moderate to low level inputs from point sources. PCBs (Polychlorinated biphenyls) Unknown 70992 Acres 1998 Nonpoint Source 	2008
			 This listing covers non dioxin-like PCBs. Interim health advisory for fix PCBs (Polychlorinated biphenyls) (dioxin-like) Unknown Nonpoint Source 	sh in place. 2008
			• The specific dioxin like compounds are 3,4,4,5-TCB (81), 3,3,3,3-TCB 3,3,4,4,5-PeCB (126), 3,3,4,4,4-HxCB (169), 2,3,3,4,4-PeCB (105), 2 PeCB (114), 2,3,4,4,5-PeCB (118), 2,3,4,4,5-PeCB (123), 2,3,3,4,4,5-HxCB (157), 2,3,4,4,5,5-HxCB (167), 2,3,3,4,4,5,5-HpCB (151), 2,3,4,4,5,5-HyCB (151), 2,3,4,4,5-HyCB (1	,3,4,4,5- IxCB (156),
			 Selenium Exotic Species Industrial Point Sources Natural Sources 	2010
			 Affected use is one branch of the food chain; most sensitive indicator is in nesting diving birds, significant contributions from oil refineries (co. program in place) and agriculture (carried downstream by rivers); exo may have made food chain more susceptible to accumulation of seleniu consumption advisory in effect for scaup and scoter (diving ducks). 	ntrol tic species
2 S	San Francisco Bay, Lower	Bay & 20410010 / Harbor 18050004	• <u>Chlordane</u> o Nonpoint Source 92274 Acres 1998 5A	2013
			 This listing was made by USEPA. DDT Nonpoint Source 92274 Acres 1998 This listing was made by USEPA. Dieldrin 	2013

REGION	WATER BODY NAME	WATER WATERSHED* TYPE CALWATER / USGS HUC	•	· ·	UTANT POTENTIAL SOURCES at Notes	ESTIMATED AREA ASSESSED	YEAR	TMDL REQUIREMENT STATUS**	DATE***
				0	Nonpoint Source	92274 Acres	1998	5A	2013
			•	This list	ting was made by US	SEPA.			
			•	(includ	compounds ing 2,3,7,8-TCDD) Atmospheric Deposition	92274 Acres	1998	5A	2019
			•	1,2,3,6,	ecific compounds are 7,8-HxCDD, 1,2,3,7, was made by USEPA	8,9-HxCDD, 1,2			
			•	Exotic	<u>Species</u> Ballast Water	92274 Acres	2006	5A	2019
			•	-	t natural benthos; chaility to native species	ange pollutant a			
			•	Furan	Compounds				
				0	Atmospheric Deposition	92274 Acres	1998	5A	2019
			•	1,2,3,4,	ecific compounds are 7,8-HxCDF, 1,2,3,6, 6,7,8-HpCDF, 1,2,3, 	7,8,-HxCDF, 1,	2,3,7,8,9	-HxCDF, 2,3,4,6,7,	8-HxCDF,
			•	Mercui	<u>ry</u>				
				0	Atmospheric Deposition				
				0	Industrial Point Sources				
				0	Municipal Point Sources	92274 Acres	1992	5B	2008
				0	Natural Sources				
				0	Nonpoint Source				
				0	Resource Extraction				

Current data indicate fish consumption and wildlife consumption impacted uses: health consumption advisory in effect for multiple fish species including striped bass and shark. Major source is historic: gold mining sediments and local mercury

REGION	WATER BODY NAME	WATER CA	ATERSHED* ALWATER / USGS HUC	(LUTANT POTENTIAL SOURCES vant Notes	ESTIMATED AREA ASSESSED	YEAR	TMDL REQUIREMENT STATUS**	DATE**
				mine.	ng; most significant on s; moderate to low leve dances. Elevated sedir	el inputs from po	int source	es: water quality ob	
					s (Polychlorinated enyls)				
					Unknown Nonpoint Source	92274 Acres	1998	5A	2008
					listing covers non diox	in-like PCBs. In	terim heal	lth advisory for fish	ı in place.
					s (Polychlorinated enyls) (dioxin-like)				
				(Unknown Nonpoint Source	92274 Acres	1998	5A	2008
							5 DaCD (1		
				2,3,3 listin	3 (114), 2,3,4,4,5-PeCl 4,4,5-HxCB (157), 2,3 g was made by USEPA	8,4,4,5,5,-HxCB	,		
2 8	San Francisco Bay, South	•	20510000 / 18050003	2,3,3 listin	4,4,5-HxCB (157), 2,3	8,4,4,5,5,-HxCB	,		
2 8	San Francisco Bay, South	Bay & 2 Harbor	20510000 / 18050003	2,3,3 listin	4,4,5-HxCB (157), 2,3 g was made by USEPA rdane	9204 Acres	(167), 2,3	,3,4,4,5,5-HpCB (1	89). This
2 8	San Francisco Bay, South	•		 2,3,3 listing Chlo This DDT 	rdane Nonpoint Source listing was made by USEPA	9204 Acres	(167), 2,3	,3,4,4,5,5-HpCB (1	89). This
2 8	San Francisco Bay, South	•		• Chlo • This • DDT	rdane Nonpoint Source listing was made by USEPA	9204 Acres 9204 Acres 9204 Acres	1990	,3,4,4,5,5-HpCB (1	2013
2 8	San Francisco Bay, South	•		• Chlo • This • DDT • Dield	rdane Nonpoint Source listing was made by USEPA Nonpoint Source Nonpoint Source listing was made by USEPA Nonpoint Source listing was made by USEPA	9204 Acres SEPA. 9204 Acres SEPA.	1990 1998	5A 5A	2013 2013
2 8	San Francisco Bay, South	•		• Chlo • This • DDT • This • Dield	rdane Nonpoint Source Nonpoint Source Nonpoint Source Sisting was made by USEPA	9204 Acres SEPA. 9204 Acres SEPA. 9204 Acres SEPA.	1990	,3,4,4,5,5-HpCB (1	2013
2 8	San Francisco Bay, South	•		• Chlo • This • Dield • This • Dield • This	rdane Nonpoint Source listing was made by USEPA Nonpoint Source	9204 Acres SEPA. 9204 Acres SEPA. 9204 Acres SEPA.	1990 1998	5A 5A	2013 2013
2 8	San Francisco Bay, South	•		• Chlo • This • DDT • This • Dield • This • Diox (include)	rdane Nonpoint Source listing was made by USEPA	9204 Acres SEPA. 9204 Acres SEPA. 9204 Acres SEPA.	1990 1998	5A 5A	2013 2013
2 8	San Francisco Bay, South	•		• Chlo • This • Diele • This • Diox (include)	rdane Nonpoint Source listing was made by USEPA In Compounds In Compounds	9204 Acres SEPA. 9204 Acres SEPA. 9204 Acres SEPA. 9204 Acres SEPA. 9204 Acres	1990 1998 1998 1998	5A 5A 5A 5A PeCDD, 1,2,3,4,7,	2013 2013 2013 2019 8-HxCDD

REGION	WATER BODY NAME	WATER WATERSHED* CALWATER /
		TYPE USGS HUC

<u>POLLUTANT</u>

- o POTENTIAL SOURCES
- ESTIMATED FIRST TMDL

 AREA YEAR REQUIREMENT DATE***
 ASSESSED LISTED STATUS**
- Relevant Notes

listing was made by USEPA.

- Exotic Species
 - o Ballast Water 9204 Acres 2006 5A 2019
- Disrupt natural benthos; change pollutant availability in food chain; disrupt food availability to native species.
- Furan Compounds
 - O Atmospheric 9204 Acres 1998 5A 2019 Deposition
- The specific compounds are 2,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4,7,8-PeCDF, 1,2,3,4,7,8-HxCDF, 1,2,3,6,7,8-HxCDF, 1,2,3,7,8,9-HxCDF, 2,3,4,6,7,8-HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,2,3,4,7,8,9-HpCDF, and OCDF. This listing was made by USEPA.
- Mercury
 - Atmospheric Deposition
 - Industrial Point Sources
 - Municipal Point 9204 Acres 1992 5B 2008 Sources
 - Natural Sources
 - O Nonpoint Source
 - Resource
 - Extraction
- Current data indicate fish consumption and wildlife consumption impacted uses: health consumption advisory in effect for multiple fish species including striped bass and shark. Major source is historic: gold mining sediments and local mercury mining; most significant ongoing source is erosion and drainage from abandoned mines; moderate to low level inputs from point sources: water quality objective exceedances. Elevated sediment level and elevated tissue levels.
- PCBs (Polychlorinated

biphenyls)

- O Unknown 9204 Acres 1992 5A 2008 Nonpoint Source
- This listing covers non dioxin-like PCBs. Interim health advisory for fish in place.

REGION	WATER BODY NAME	WATER TYPE	WATERSHED* CALWATER / USGS HUC	•	POLLUTANT O POTENTIAL SOURCES Relevant Notes	ESTIMATEE AREA ASSESSED	YEAR F	TMDL REQUIREMENT STATUS**	CDATE***
				•	PCBs (Polychlorinated biphenyls) (dioxin-like) O Unknown Nonpoint Sour The specific dioxin like of 3,3,4,4,5-PeCB (126), 3, PeCB (114), 2,3,4,4,5-PeCB (157), listing was made by USE Selenium O Domestic Use of Ground Water A formal health advisory South San Francisco Barcontact recreation benefinot fully met.	9204 Acres rce rompounds are 3,4,4,3,4,4,4,4+HxCB (16 reCB (118), 2,3,4,4,5 reCPA. 9204 Acres re has been issued by y. This health advise	59), 2,3,3,4, 5-PeCB (12 (167), 2,3,5 1998 v OEHHA f ory clearly	4-PeCB (105), 2, 23), 2,3,3,4,4,5-H; 3,4,4,5,5-HpCB (1 5A For benthic-feeding establishes that v	3,4,4,5- xCB (156), (89). This 2019 g ducks in vater
2 S	an Francisquito Creek	River & Stream	20550040 / 18050003	•	Diazinon O Urban Runoff/Storm Sewers This listing was made by moved by USEPA from to completed USEPA approximation/Siltation O Nonpoint Sour Impairment to steelhead	he 303(d) list to thi. oved TMDL. <u>1</u> cce 12 Miles			
2 S	an Gregorio Creek	River & Stream	20230014 / 18050006	•	Coliform Bacteria Nonpoint Sour Sedimentation/Siltation Nonpoint Sour Impairment to steelhead	<u>ce</u> 11 Miles	2002 1998	5A 5A	2019

REGION	N WATER BODY NAME	WATER TYPE	WATERSHED* CALWATER / USGS HUC	•		UTANT POTENTIAL SOURCES at Notes	ESTIMATED AREA ASSESSED	YEAR	TMDL REQUIREMENT STATUS**	DATE***
2	San Leandro Bay (part of SF Bay, Lower)	Bay & Harbor	20420040 / 18050004	•	Chlord	ane Nonpoint Source	588 Acres	1998	5A	2013
				•	<u>Dieldri</u> ○	Nonpoint Source	588 Acres	1998	5A	2013
				•	Dioxin (includ	ting was made by US compounds ing 2,3,7,8-TCDD) Atmospheric	588 Acres	1998	5A	2019
				•	Exotic :	Ballast Water	588 Acres	2006	5A	2019
				•	availab	natural benthos; cha ility to native species Compounds		vailabilit	y in food chain; dis	rupt food
				•		Atmospheric Deposition	588 Acres	1998	5A	2019
				•	1,2,3,4,	cific compounds are 7,8-HxCDF, 1,2,3,6, 6,7,8-HpCDF, 1,2,3,	7,8-HxCDF, 1,2	,3,7,8,9-1	HxCDF, 2,3,4,6,7,8	-HxCDF,
				•	Lead (s	sediment) Source Unknown	588 Acres	1992	5A	2019
						Atmospheric Deposition Industrial Point Sources Municipal Point	588 Acres	1992	5B	2008
					0	Sources Natural Sources				

REGION	WATER BODY NAME	WATER TYPE	WATERSHED* CALWATER / USGS HUC	•		UTANT POTENTIAL SOURCES at Notes	ESTIMATED AREA ASSESSED	YEAR	TMDL REQUIREMENT STATUS**	DATE***
				•	health o bass an mining;	Nonpoint Source Resource Extraction t data indicate fish consumption advisory d shark. Major source most significant ong moderate to low leve	v in effect for mi ce is historic: go coing source is e	ultiple fiss old mining erosion an	h species including g sediments and loc nd drainage from a	striped al mercury
				•	PAHs (Hydrod Pesticid	ry (sediment) Source Unknown Polycyclic Aromatic earbons) (sediment) Source Unknown des (sediment) Source Unknown ediment) Source Unknown	588 Acres 588 Acres 588 Acres 588 Acres	2006 1998 1998 1992	5B 5A 5A 5A	2008201920192019
2 S	an Leandro Creek, Lower	River & Stream	20420012 / 18050004	•	moved l	on Urban Runoff/Storm Sewers ting was made by US by USEPA from the 3	303(d) list to this			
2 S	an Mateo Creek	River & Stream	20440032 / 18050004	•		on Urban Runoff/Storm Sewers ting was made by US by USEPA from the 3	v	. ,		

completed USEPA approved TMDL.

REGION WATER BODY NAME	WATER TYPE	WATERSHED* CALWATER / USGS HUC	•	POLLUTANT O POTENTIAL SOURCES Relevant Notes	ESTIMATED AREA ASSESSED	YEAR F	TMDL REQUIREMENT STATUS**	DATE***
2 San Pablo Bay	Bay & Harbor	20610010 / 18050002	•	Chlordane ○ Nonpoint Source	68349 Acres	1998	5A	2013
			•	This listing was made by U	SEPA in 1998.			
			•	DDT ○ Nonpoint Source	68349 Acres	1998	5A	2013
			•	This listing was made by U	SEPA.			
			•	<u>Dieldrin</u> ○ Nonpoint Source	68349 Acres	1998	5A	2013
			•	This listing was made by U	SEPA.			
			•	Dioxin compounds (including 2,3,7,8-TCDD)		1000	~ A	2010
				Atmospheric Deposition	68349 Acres	1998	5A	2019
			•	The specific compounds ar 1,2,3,6,7,8-HxCDD, 1,2,3, listing was made by USEPA	7,8,9-HxCDD, 1,2			
			•	Exotic Species				
				Enour Species				
				o Ballast Water	68349 Acres	2006	5A	2019
			•		hange pollutant a			
			•	o Ballast Water Disrupt natural benthos; cavailability to native species Furan Compounds	hange pollutant a			
			•	o Ballast Water Disrupt natural benthos; cavailability to native species	hange pollutant a			
			•	 Ballast Water Disrupt natural benthos; cavailability to native species Furan Compounds Atmospheric 	hange pollutant a es. 68349 Acres e 2,3,7,8-TCDF, 1,5,7,8,-HxCDF, 1,	1998 1,2,3,7,8-F 2,3,7,8,9-I	5A PeCDF, 2,3,4,7,8-1 HxCDF, 2,3,4,6,7,	2019 PeCDF, 8-HxCDF,
			•	o Ballast Water Disrupt natural benthos; cavailability to native special Furan Compounds o Atmospheric Deposition The specific compounds ar 1,2,3,4,7,8-HxCDF, 1,2,3,6 1,2,3,4,6,7,8-HpCDF, 1,2,3,6	hange pollutant a es. 68349 Acres e 2,3,7,8-TCDF, 1,5,7,8,-HxCDF, 1,	1998 1,2,3,7,8-F 2,3,7,8,9-I	5A PeCDF, 2,3,4,7,8-1 HxCDF, 2,3,4,6,7,	2019 PeCDF, 8-HxCDF,

REGION WATER BODY NAME	WATER WATERSHED* CALWATER / USGS HUC
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- **POLLUTANT**
 - o POTENTIAL SOURCES
- ESTIMATED FIRST TMDL

 AREA YEAR REQUIREMENT DATE***
 ASSESSED LISTED STATUS**
- Relevant Notes
 - **Sources**
 - Natural Sources
 - Nonpoint Source
 - Resource Extraction
- Current data indicate fish consumption and wildlife consumption impacted uses:
 health consumption advisory in effect for multiple fish species including striped
 bass and shark. Major source is historic: gold mining sediments and local mercury
 mining; most significant ongoing source is erosion and drainage from abandoned
 mines; moderate to low level inputs from point sources.
- <u>PCBs (Polychlorinated</u> biphenyls)
 - Unknown Point 68349 Acres 1998 5A 2008 Source
- This listing covers non dioxin-like PCBs. Interim health advisory for fish in place.
- <u>PCBs (Polychlorinated</u> biphenyls) (dioxin-like)
 - Unknown
 Nonpoint Source
 68349 Acres
 1998
 5A
 2008
- The specific dioxin like compounds are 3,4,4,5-TCB (81), 3,3,3,3-TCB (77), 3,3,4,4,5-PeCB (126), 3,3,4,4,4-HxCB (169), 2,3,3,4,4-PeCB (105), 2,3,4,4,5-PeCB (114), 2,3,4,4,5-PeCB (118), 2,3,4,4,5-PeCB (123), 2,3,3,4,4,5-HxCB (156), 2,3,3,4,4,5-HxCB (157), 2,3,4,4,5,5-HxCB (167), 2,3,3,4,4,5,5-HpCB (189). This listing was made by USEPA.
- Selenium
 - Exotic Species
 - Industrial Point Sources
 68349 Acres 1990
 5A 2010
 - Natural Sources
- Affected use is one branch of the food chain; most sensitive indicator is hatchability in nesting diving birds, significant contributions from oil refineries (control program in place) and agriculture (carried downstream by rivers); exotic species may have made food chain more susceptible to accumulation of selenium; health consumption advisory in effect for scaup and scoter (diving ducks).

REGION	N WATER BODY NAME		WATERSHED* CALWATER / USGS HUC	•	POLLUTANT O POTENTIAL SOURCES Relevant Notes	ESTIMATED AREA ASSESSED	YEAR R	TMDL REQUIREMENT STATUS**	DATE***
2	San Pablo Creek	River & Stream	20660014 / 18050002	•	Diazinon O Urban Runoff/Storm Sewers This listing was made by US moved by USEPA from the 3 completed USEPA approved	303(d) list to this			
2	San Pablo Reservoir	Lake & Reservoir	20660012 / 18050002	•	Chlordane	784 Acres 784 Acres 784 Acres 784 Acres 784 Acres	2006 2006 2006 2002 2006	5A 5A 5A 5A 5A	2019 2019 2019 2013 2019 2019
2	San Pedro Creek	River & Stream	20221011 / 18050006	•	Coliform Bacteria ○ Nonpoint Source ○ Urban Runoff/Storm Sewers	2.4 Miles	2002	5A	2010
2	San Vicente Creek	River &	20221012 /	•	Coliform Bacteria o Nonpoint Source	3.8 Miles	2002	5A	2019

REGION	N WATER BODY NAME		WATERSHED* CALWATER / USGS HUC 18050006	•	POLLUTANT O POTENTIAL SOURCES Relevant Notes	ESTIMATED AREA ASSESSED	YEAR	TMDL REQUIREMENT STATUS**	CDATE***
2	Saratoga Creek	River & Stream	20550040 / 18050003	•	Diazinon O Urban Runoff/Storm Sewers This listing was made by US moved by USEPA from the 3 completed USEPA approved	03(d) list to this			
2	Shadow Cliffs Reservoir	Lake & Reservoir	20430080 / 18050004	•	Mercury o Source Unknown PCBs (Polychlorinated biphenyls) o Source Unknown	90 Acres	2006 2006	5A 5A	2013 2019
2	Sonoma Creek	River & Stream	20640050 / 18050002	•	Nutrients		1998	5A	2010
				•	Pathogens		1998	5B	2008
				•	Sedimentation/Siltation	d 30 Miles	1998	5A	2013

REGION	WATER BODY NAME	WATER TYPE	WATERSHED* CALWATER / USGS HUC	•	POLLUTANT O POTENTIAL SOURCES Relevant Notes O Land Development O Urban Runoff/Storm Sewers	ESTIMATED AREA ASSESSED	YEAR R	TMDL EQUIREMENT STATUS**	DATE***
2	Soulajule Reservoir	Lake & Reservoir	20112012 / 18050005	•	Mercury Source Unknown PCBs (Polychlorinated biphenyls) Source Unknown	49 Acres	2006 2006	5A 5A	2007
2	Stevens Creek	River & Stream	20550020 / 18050003	•	Diazinon O Urban Runoff/Storm Sewers This listing was made by USE moved by USEPA from the 30 completed USEPA approved Toxicity O Source Unknown	3(d) list to this			
2	Stevens Creek Reservoir	Lake & Reservoir	20550031 / 18050003	•	Chlordane Source Unknown Dieldrin Source Unknown Mercury Source Unknown PCBs (Polychlorinated biphenyls) Source Unknown	85 Acres 85 Acres 85 Acres	2006 2006 2006 2006	5A 5A 5A	2019 2019 2013 2019

REGION	WATER BODY NAME	WATER WATERSHED* TYPE CALWATER / USGS HUC			<u>JTANT</u> POTENTIAL SOURCES t Notes	ESTIMATED AREA ASSESSED	YEAR	TMDL REQUIREMENT STATUS**	Γ DATE***
2 S	Suisun Bay	Bay & 20710020 / Harbor 18050001		This list DDT This list Dieldrin This list Dioxin (includi	Nonpoint Source ing was made by US Nonpoint Source ing was made by US Nonpoint Source ing was made by US compounds ing 2,3,7,8-TCDD) Atmospheric Deposition cific compounds are	25335 Acres EPA. 25335 Acres EPA. 25335 Acres 2,3,7,8-TCDD,			
			•]	listing w Exotic S O Disrupt	Ballast Water natural benthos; cha	25335 Acres	2006	5A	2019
			•	Furan (ility to native species Compounds Atmospheric Deposition	25335 Acres	1998	5A	2019
				1,2,3,4,	cific compounds are 7,8-HxCDF, 1,2,3,6, 6,7,8-HpCDF, 1,2,3,	7,8-HxCDF, 1,2	,3,7,8,9-1	<i>HxCDF</i> , 2,3,4,6,7,8	8-HxCDF,
			•	Mercur o	Atmospheric Deposition Industrial Point Sources	25335 Acres	1990	5B	2008

REGION WATER BODY	AME WATER TYPE	WATERSHED* CALWATER / USGS HUC
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- **POLLUTANT**
 - o POTENTIAL SOURCES
- ESTIMATED FIRST TMDL

 AREA YEAR REQUIREMENT DATE***
 ASSESSED LISTED STATUS**
- Relevant Notes
 - Natural Sources
 - Nonpoint Source
 - Resource
 Extraction
- Current data indicate fish consumption and wildlife consumption impacted uses. Major source is historic: gold mining sediments and local mercury mining; most significant ongoing source is erosion and drainage from abandoned mines; moderate to low level inputs from point sources.
- PCBs (Polychlorinated biphenyls)
 - O Unknown Point 25335 Acres 1998 5A 2008 Source
- This listing covers non-dioxin-like PCBs. Interim health advisory for fish in place.
- <u>PCBs (Polychlorinated</u> biphenyls) (dioxin-like)
 - Unknown 25335 Acres 1998 5A 2008
 Nonpoint Source
- The specific dioxin-like compounds are 3,4,4,5-TCB (81), 3,3,3,3-TCB (77), 3,3,4,4,5-PeCB (126), 3,3,4,4,4-HxCB (169), 2,3,3,4,4-PeCB (105), 2,3,4,4,5-PeCB (114), 2,3,4,4,5-PeCB (118), 2,3,4,4,5-PeCB (123), 2,3,3,4,4,5-HxCB (156), 2,3,3,4,4,5-HxCB (157), 2,3,4,4,5,5-HxCB (167), 2,3,3,4,4,5,5-HpCB (189). This listing was made by USEPA.
- <u>Selenium</u>
 - **Exotic Species**
 - o Industrial Point 25335 Acres 1990 5A 2010 Sources
 - Natural Sources
- Affected use is one branch of the food chain; most sensitive indicator is hatchability in nesting diving birds, significant contributions from oil refineries (control program in place) and agriculture (carried downstream by rivers); exotic species may have made food chain more susceptible to accumulation of selenium; health consumption advisory in effect for scaup and scoter (diving ducks).
- Mercury

REGION	WATER BODY NAME		WATERSHED* CALWATER / USGS HUC	•	POLLUTANT O POTENTIAL SOURCES Relevant Notes	ESTIMATED AREA ASSESSED	YEAR I	TMDL REQUIREMENT STATUS**	DATE***
2	Suisun Marsh Wetlands	Wetland, Tidal	20723000 / 18050001	•	 Flow Regulation/Modification Urban Runoff/Storm Sewers Nutrients 	66339 Acres		5A	2013
					 Flow Regulation/Modification Urban Runoff/Storm Sewers 	66339 Acres		5A	2013
				•	Additional monitoring and as Organic Enrichment/Low Dissolved Oxygen Flow Regulation/Modification Urban Runoff/Storm Sewers		ed. 1996	5A	2013
				•	Additional monitoring and a. Salinity/TDS/Chlorides Flow Regulation/Modification Urban Runoff/Storm Sewers Additional monitoring and a.	66339 Acres	1996	5A	2013
2	Tomales Bay	Bay &	20114033 /	•	Mercury O Mine Tailings	8545 Acres	1992	5B	2008

REGION	WATER BODY NAME	WATER TYPE Harbor	WATERSHED* CALWATER / USGS HUC 18050005	• POLLUTANT o POTENTIAL SOURCES • Relevant Notes ESTIMATED FIRST TMDL AREA YEAR REQUIREM ASSESSED LISTED STATUS*	
		Harbor	18050005	• Current data indicate fish consumption and wildlife consumption in health consumption advisory in effect for multiple fish species included bass and shark. Major source is historic: gold mining sediments and mining; most significant ongoing source is erosion and drainage from mines; moderate to low level inputs from point sources.	ding striped d local mercury
				• Nutrients o Agriculture 8545 Acres 1992 5A	2013
				TMDL will be developed as part of ongoing watershed management	effort.
				 Pathogens Intensive Animal Feeding Operations 8545 Acres 1992 5B 	2007
				 Septage Disposal Sedimentation/Siltation Upstream Impoundment 8545 Acres 1992 5A 	2013
				TMDL will be developed as part of ongoing watershed management	effort.
2 V	Walker Creek	River & Stream	20112013 / 18050005	• Mercury o Mine Tailings o Surface Mining 16 Miles 1992 5A	2007
				• Nutrients • Agriculture 16 Miles 1992 5A	2013
				• Tributary to Tomales Bay. TMDLs will be developed as part of evol management effort. Additional monitoring and assessment needed.	ving watershed
				• Pathogens	
				o Source Unknown 16 Miles 2006 5B	2007
				• <u>Sedimentation/Siltation</u> o Agriculture 16 Miles 1992 5A	2013
				Tributary to Tomales Bay. TMDLs will be developed as part of evol management effort. Additional monitoring and assessment needed.	

REVISIONS to the 2006 SAN FRANCISCO BAY REGION 303(d) LIST OF WATER QUALITY LIMITED SEGMENTS*

Category 4A Criteria: 1) A water segment where ALL its 303(d) listings are being addressed; and 2) at least one of those listings is being addressed by a USEPA approved TMDL.

* USGS HUC = US Geological Survey Hydrologic Unit Code. Calwater = State Water Resources Control Board hydrological subunit area or even smaller planning watershed.

^{** &}quot;Addressed By" is defined as: B = Being addressed by USEPA approved TMDL and C = Being addressed by action(s) other than a TMDL

REGIO	N WATER BODY NAME	WATER TYPE	WATERSHED* CALWATER / USGS HUC	•	POLLUTANT O POTENTIAL ESTIMATED FIRST ADDRESSED TMDL SOURCES AREA YEAR APPROVAL Relevant Notes ASSESSED LISTED BY** APPROVAL DATE
2	Arroyo Corte Madera Del Presidio	River & Stream	20320020 / 18050002	•	Diazinon O Urban Runoff/Storm 4 Miles 1998 B 2007 Sewers
				•	This listing was made by USEPA for the 1998 303(d) list. For 2006, diazinon was moved by USEPA from the 303(d) list to this being addressed list because of a completed USEPA approved TMDL.
2	Arroyo De La Laguna	River & Stream	20430084 / 18050004	•	Diazinon O Urban Runoff/Storm 7.4 Miles 1998 B 2007 Sewers
				•	This listing was made by USEPA for the 1998 303(d) list. For 2006, diazinon was moved by USEPA from the 303(d) list to this being addressed list because of a completed USEPA approved TMDL.
2	Arroyo Del Valle	River & Stream	20430023 / 18050004	•	Diazinon Company Com
				•	This listing was made by USEPA for the 1998 303(d) list. For 2006, diazinon

REGION	N WATER BODY NAME	WATER – TYPE	WATERSHED* CALWATER / USGS HUC	•	POLLUTANT 0 POTENTIAL ESTIMATED FIRST ADDRESSED TMDL SOURCES AREA YEAR ADDRESSED BY** APPROVAL Relevant Notes ASSESSED LISTED BY** APPROVAL DATE
					was moved by USEPA from the 303(d) list to this being addressed list because of a completed USEPA approved TMDL.
2	Arroyo Las Positas	River & Stream	20430080 / 18050004	•	Diazinon Ourban Runoff/Storm Sewers Diazinon 14 Miles 2002 B 2007
				•	For 2006, diazinon was moved by USEPA from the 303(d) list to this being addressed list because of a completed USEPA approved TMDL.
2	Calabazas Creek	River & Stream	20640012 / 18050002	•	Diazinon Ourban Runoff/Storm 4.7 Miles 1998 B 2007 Sewers
				•	This listing was made by USEPA for the 1998 303(d) list. For 2006, diazinon was moved by USEPA from the 303(d) list to this being addressed list because of a completed USEPA approved TMDL.
2	Chicken Ranch Beach	Coastal & Bay Shoreline	20114033 / 18050005	•	Indicator Bacteria Source Unknown Output Ou
2	Corte Madera Creek	River & Stream	20320011 / 18050002	•	This listing was made by USEPA for 2006. Diazinon Ourban Runoff/Storm 4.1 Miles 1998 B 2007 Sewers
				•	This listing was made by USEPA for the 1998 303(d) list. For 2006, diazinon was moved by USEPA from the 303(d) list to this being addressed list because of a completed USEPA approved TMDL.
2	Coyote Creek (Marin County)	River &	20320020 /	•	<u>Diazinon</u>

REGION	N WATER BODY NAME	WATER — TYPE	WATERSHED* CALWATER / USGS HUC	•	POLLUTANTUSEPA0POTENTIAL SOURCESESTIMATED AREA AREA ASSESSEDFIRST YEAR BY**USEPA TMDL BY**Relevant NotesASSESSED DATE
		Stream	18050002	•	Runoff/Storm Sewers This listing was made by USEPA for the 1998 303(d) list. For 2006, diazinon was moved by USEPA from the 303(d) list to this being addressed list because of a completed USEPA approved TMDL.
2	Gallinas Creek	River & Stream	20620013 / 18050002	•	Diazinon O Urban Runoff/Storm 2.1 Miles 1998 B 2007 Sewers This listing was made by USEPA for the 1998 303(d) list. For 2006, diazinon was moved by USEPA from the 303(d) list to this being addressed list because of a completed USEPA approved TMDL.
2	Hearts Desire Beach	Coastal & Bay Shoreline	20114033 / 18050005	•	Indicator Bacteria Source 0.38 Miles 2006 B 2007 Unknown This listing was made by USEPA for 2006.
2	Laurel Creek (Solano Co)	River & Stream	20440040 / 1805001	•	Diazinon O Urban Runoff/Storm 3 Miles 1998 B 2007 Sewers This listing was made by USEPA for the 1998 303(d) list. For 2006, diazinon was moved by USEPA from the 303(d) list to this being addressed list because of a completed USEPA approved TMDL.
2	Ledgewood Creek	River & Stream	20723010 / 18050001	•	Diazinon O Urban Runoff/Storm 12 Miles 1998 B 2007 Sewers This listing was made by USEPA for the 1998 303(d) list. For 2006, diazinon

was moved by USEPA from the 303(d) list to this being addressed list because

REGION	WATER BODY NAME	WATER — TYPE	WATERSHED* CALWATER / USGS HUC	•	POLLUTANT O POTENTIAL SOURCES Relevant Notes	ESTIMATEI AREA ASSESSED	YEAR	ADDRESSED BY**	USEPA TMDL APPROVAL DATE
					of a completed USEPA a	pproved TMDL	.		
2	Los Gatos Creek (R2)	River & Stream	20540011 / 18050003	•	Diazinon O Urban Runoff/Storm Sewers	19 Miles	1998	В	2007
				•	This listing was made by was moved by USEPA fro of a completed USEPA a	om the $303(d)$ l	ist to this		
2	Miller Creek	River & Stream	20620012 / 18050005	•	Diazinon O Urban Runoff/Storm Sewers	9 Miles	1998	В	2007
				•	This listing was made by was moved by USEPA fro of a completed USEPA a	om the $303(d)$ l	ist to this		
				•	<u>Diazinon</u>				
2	Novato Creek	River & Stream	20620010 / 18050002		Urban Runoff/Storm Sewers	17 Miles	1998	В	2007
				•	This listing was made by was moved by USEPA fro of a completed USEPA a	om the $303(d)$ l	ist to this		
		D: 0	20112020 /	•	Pathogens				
2	Olema Creek	River & Stream	20113030 / 18050005		o Source Unknown	11 Miles	2006	В	2007
				•	For 2006, this listing was because of a completed U				ed list
				•	<u>Diazinon</u>				

REGIO	N WATER BODY NAME	WATER – TYPE	WATERSHED* CALWATER / USGS HUC	•	POLLU o Relevan	POTENTIAL SOURCES	ESTIMATED AREA ASSESSED	YEAR	ADDRESSED DV**	USEPA TMDL APPROVAL DATE
2	Pine Creek (Contra Costa Co)	River & Stream	20731011 / 18050001		0	Urban Runoff/Storm Sewers	13 Miles	2002	В	2007
				•	was mov	ing was made by ved by USEPA fro upleted USEPA a	om the 303(d) li	st to this		
				•	Diazino					
2	Pinole Creek	River & Stream	20660020 / 18050002		0	Urban Runoff/Storm Sewers	9.2 Miles	1998	В	2007
				•	was mov	ing was made by ved by USEPA fro upleted USEPA a	om the 303(d) li	st to this		
				•	Diazino	<u>n</u>				
2	Rodeo Creek (Contra Costa County)	River & Stream	20660022 / 18050001		0	Urban Runoff/Storm Sewers	8 Miles	1998	В	2007
				•	was mov	ing was made by ved by USEPA fro upleted USEPA a	om the 303(d) li	st to this		
				•	Diazino	<u>n</u>				
2	San Antonio Creek (Marin/Sonoma Co)	River & Stream	20630031 / 18050002		0	Urban Runoff/Storm Sewers	18 Miles	1998	В	2007
				•	was mov	ing was made by ved by USEPA fr upleted USEPA a	om the $303(d)$ li	st to this		
2	San Felipe Creek	River & Stream	20530041 / 18050003	•	Diazino O	<u>n</u> Urban Runoff/Storm	15 Miles	1998	В	2007

REGION	WATER BODY NAME	WATER — TYPE	WATERSHED* CALWATER / USGS HUC	•	POLLUTANT O POTENTIAL SOURCES Relevant Notes	ESTIMATED AREA ASSESSED	YEAR A	DDRESSED BY**	USEPA TMDL APPROVAI DATE
				•	Sewers This listing was made by was moved by USEPA fro of a completed USEPA a	om the 303(d) li	st to this b		
2	San Lorenzo Creek	River & Stream	20420023 / 18050004	•	Diazinon O Urban Runoff/Storm Sewers This listing was made by	11 Miles	1998	B	2007
					was moved by USEPA fro of a completed USEPA a	om the $303(d)$ li	st to this b		
2	San Rafael Creek	River & Stream	20320012 / 18050002	•	Diazinon O Urban Runoff/Storm Sewers	3.6 Miles	1998	В	2007
				•	This listing was made by was moved by USEPA fro of a completed USEPA a	om the $303(d)$ li	st to this b		
2	Suisun Slough	Estuary	20723000 / 18050004	•	Diazinon O Urban Runoff/Storm Sewers	1124 Acres	1998	В	2007
				•	This listing was made by was moved by USEPA fr of a completed USEPA a	om the $303(d)$ li	st to this b		
2	Walnut Creek	River & Stream	20731040 / 18050001	•	Diazinon O Urban Runoff/Storm Sewers This listing was made by	9 Miles	1998	B	2007

REGION	N WATER BODY NAME	WATER - TYPE	WATERSHED* CALWATER / USGS HUC	•	POLLUTANT O POTENTIAL SOURCES Relevant Notes	ESTIMATED AREA ASSESSED	YEAR	ADDRESSED BY**	USEPA TMDL APPROVAL DATE
					was moved by USEPA fr of a completed USEPA a			being addresse	d list because
2	Wildcat Creek	River & Stream	20660013 / 18050002	•	Diazinon O Urban Runoff/Storm Sewers	12 Miles	1998	В	2007
				•	This listing was made by was moved by USEPA fr of a completed USEPA a	om the 303(d) li	st to this	. ,	

REVISIONS to the 2006 SAN FRANCISCO BAY REGION 303(d) LIST OF WATER QUALITY LIMITED SEGMENTS*

Category 4B Criteria: A water segment where ALL its 303(d) listings are being addressed by regulatory action(s) other than TMDL.

* USGS HUC = US Geological Survey Hydrologic Unit Code. Calwater = is the State Water Resources Control Board hydrological subunit area or even smaller area delineation.

REGION	WATER BODY NAME	WATER TYPE	WATERSHED* CALWATER / USGS HUC	•	POLLUTANT o POTENTIAL SOURCES Relevant Notes	ESTIMATED AREA ASSESSED	YEAR	REGULATORY PROGRAM COMPLETION DATE
,	Castro Cove, Richmond (San Pablo Basin)	Estuary	20660014 / 18050002	•	Dieldrin (sediment) o Point Source o Urban Runoff/Storm Sewers	71 Acres	2002	2010
				•	Mercury (sediment) o Point Source o Urban Runoff/Storm Sewers	71 Acres	2006	2010
				•	PAHs (Polycyclic Aromatic Hydrocarbons) (sediment) O Point Source O Urban Runoff/Storm Sewers	71 Acres	2002	2010
				•	Selenium (sediment) O Point Source O Urban Runoff/Storm Sewers	71 Acres	2002	2010